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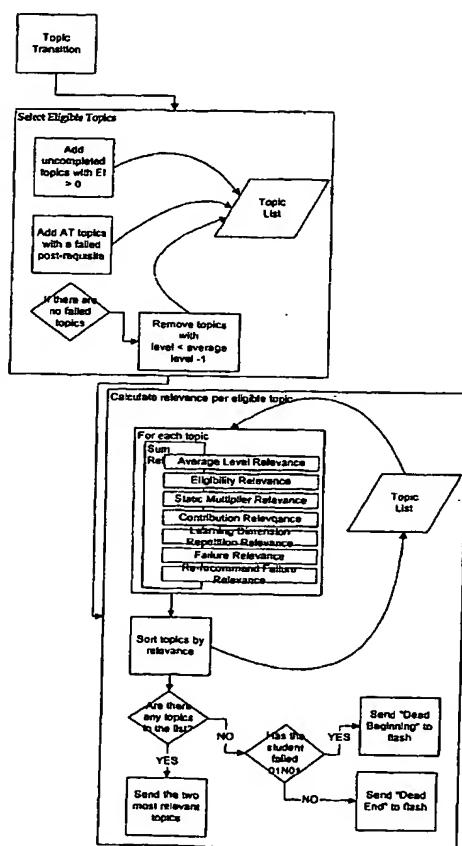
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[Continued on next page]

(54) Title: **ADAPTIVE ENGINE LOGIC USED IN TRAINING ACADEMIC PROFICIENCY**



(57) Abstract: The present invention is an intelligent, adaptive system that takes in information and reacts to the specific information given to it, using a set of predefined heuristics. Therefore, each individual's information (which can and is unique) will feed the engine, and then provide a unique experience to that individual. One embodiment of the present invention discussed herein focuses on Mathematics however the invention is not limited thereby as the same logic can be applied to other academic subjects.

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US CL : 434/323

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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 434/322,323,350,353,307R; 706/45;

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
US-PGPUB,EPO,JPO,USPAT-adaptive testing, interactive training, hueristic, assessments and adaptive

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,120,300 A (HO ET AL) 19 September 2000 (19.09.2000), Figures 1, 5-7.	1
Y	US 5,657,256 A (SWANSON et al) 12 August 1997 (12.08.1997), Figures I(a-e); column 9, line 10+ .	1
A	EP 0 553 674 A2 (EDUCATIONAL TESTING SERVICE) 04 August 1993 (04.08.1993), entire document.	1-6

☐ Further documents are listed in the continuation of Box C.



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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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